

SERVICE MANUAL

KR-710 (KR-710L)

An item of adjustment is written in three languages — English, French and German.

Un article sur réglages est écrit en trois langues, Anglais, Français et Allemand.

Ein Artikel der Abgleich wird auf drei Sprachen, Englische, Französisch und Deutsch geschrieben.

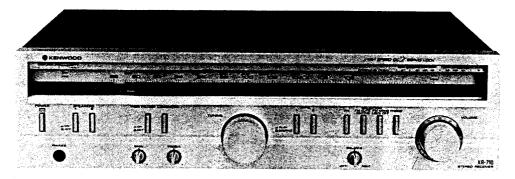


Photo is KR-710

STEREO RECEIVER

CONTENTS

EXTERNAL VIEW	3
INTERNAL VIEW	4
BLOCK & LEVEL DIAGRAM	4
DIAL CORD STRINGING	
REPAIR	5
EXPLODED VIEW	6
ADJUSTMENT/REGLAGES/ABGLEICH	7
PC BOARD	14
SCHEMATIC DIAGRAM (KR-710)	15
SPECIFICATIONS (KR-710)	15
SCHEMATIC DIAGRAM (KR-710L)	16
SPECIFICATIONS (KR-710L)	16
PARTS LIST	17

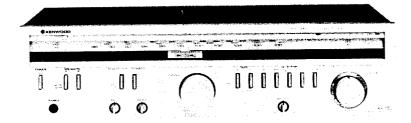


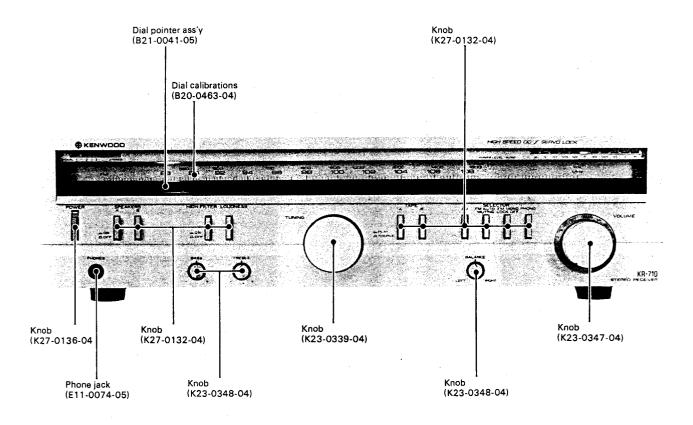
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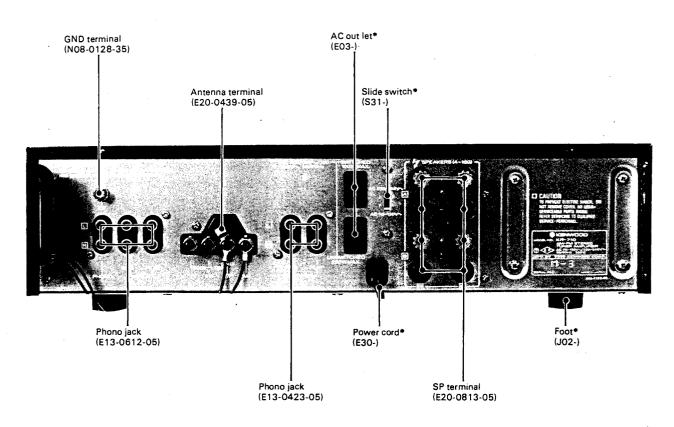
Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the U.S. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

	Region						Cod	
	∠ U.S.A						100	(
	Canada.						f	•
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	Australia				u jaga y	. Est.)	ζ .
KR-710							1	E
	England						1	r
	Other A	eas						M
					200 B		4、李伊克、龙	H
KR-710L	Europe a	ind Scan	dinavia	He tagi		Sile of		E 2 T 2
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EXTERNAL VIEW

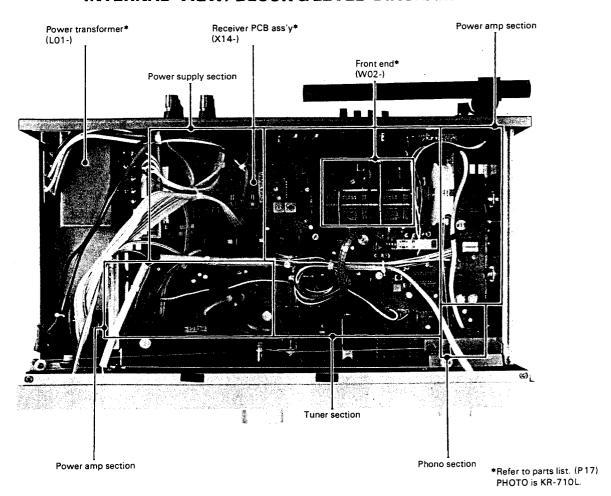




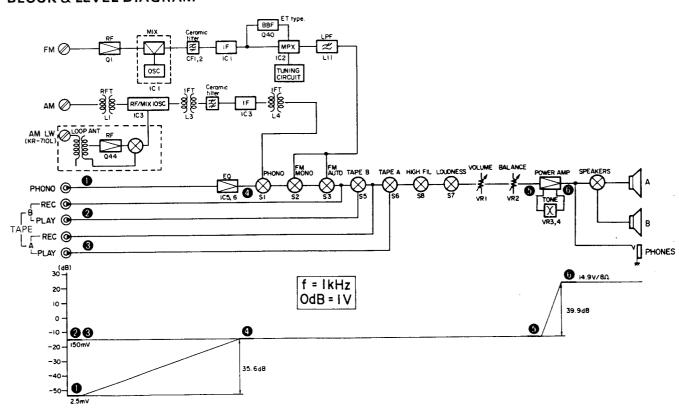
*Refer to parts list. (P17) PHOTO is KR-710.



INTERNAL VIEW/BLOCK & LEVEL DIAGRAM

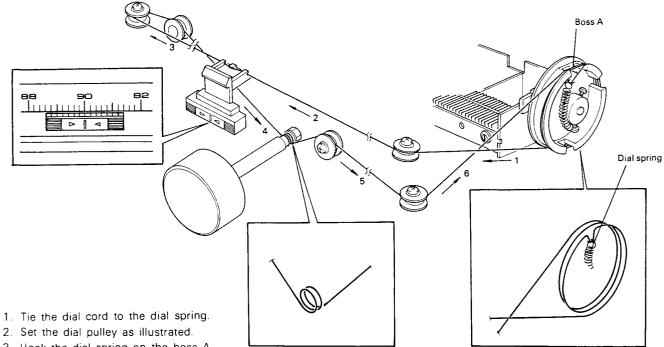


BLOCK & LEVEL DIAGRAM



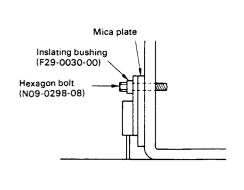
DIAL CORD STRINGING/REPAIR

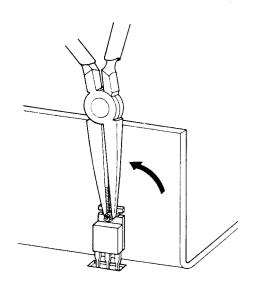
DIAL CORD STRINGING



- 3. Hook the dial spring on the boss A.
- 4. Dress the dial cord in the direction 1 through 4.
- 5. Wind the dial cord two turns around the dial shaft starting from its lower side.
- 6. Dress the dial cord in the direction 5 to 6.
- 7. Wind the dial cord two turns around the dial pulley starting from its upper side.
- 8. Tie the end of the dial cord to the dial spring.
- 9. Remove the dial spring from the boss A.
- 10. Receive a 90 MHz signal, and then mount the dial pointer at the 90 MHz position of the dial calibrations.

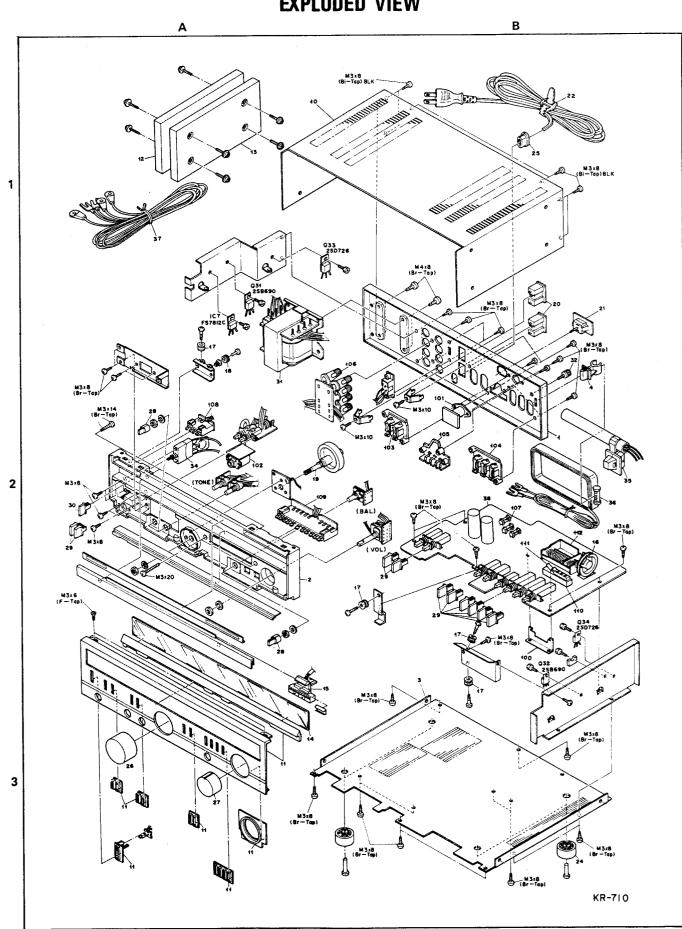
POWER TRANSISTOR REPLACEMENT







EXPLODED VIEW



6

ADJUSTMENT (TUNER)

N.C	ALIGNMENT	TEST E	QUIPMENTS	RECEIVER	OUTPUT	ADJUSTMENT	REMARKS	
NO.	ALIGNMENT	CONNECTION	SETTING	SETTING	INDICATOR	POINTS		
FM								
1	DISCRIMI- NATOR (1)	A	95 MHz 1 kHz. ±75 kHz Dev	FM-MONO 95 MHz	B	_	* 1	
2	DISCRIMI- NATOR (2)	ditto	95 MHz 1 kHz, ±75 kHz Dev 60 dB (ANT input)	ditto	* 2 R6	L7	ov	
3	DISCRIMI- NATOR (3)	ditto	ditto	ditto	₿	L8	Minimum distortion	
4	vco	ditto	95 MHz O Dev 60 dB (ANT input)	FM- AUTO/MUTE 95 MHz	Frequency counter to the junction of R22 and VR9 via an AC voltmeter *3	VR9	76 kHz ±200 Hz	
5	IFT	©	95 MHz 1 kHz, ±68.25 kHz Dev SELECTOR: L or R PILOT: ON 60 dB (ANT input)	ditto	₿	T1 (Front end)	Minimum distortion	
6	SEPARA- TION	ditto	ditto	ditto	ditto	VR10	* 4	
AM	(KR-710)							
1	IFT	0	1 000 kHz 400 Hz, 30% Mod	AM 1 000 kHz	₿	L3	Maximum deflection	
2	TRACKING (1)	ditto	600 kHz 400 Hz, 30% Mod	AM 600 kHz	ditto	L1, 2	ditto	
3	TRACKING (2)	ditto	1 400 kHz 400 Hz, 30% Mod	AM 1 400 kHz	ditto	TC1, 2 (Front end)	ditto	
AM	(KR-710L)							
1	IFT	0	1 000 kHz 400 Hz, 30% Mod	MW 1 000 kHz	B	L3	Maximum deflection	
2	MW TRACKING (1)	ditto	600 kHz 400 Hz, 30% Mod	MW 600 kHz	ditto	Bar antenna (A) L2	ditto	
3	MW TRACKING (2)	ditto	1 400 kHz 400 Hz, 30% Mod	MW 1 400 kHz	ditto	TC1, 2 (Front end)	ditto	
4	LW TRACKING (1)	ditto	160 kHz 400 Hz, 30% Mod	LW 160 kHz	ditto	Bar antenna (B) L1	ditto	
(5)	LW TRACKING (2)	ditto	340 kHz 400 Hz, 30% Mod	LW 340 kHz	ditto	CT1, 2	ditto	

* 1 ~ 4 : See page 10.



REGLAGES (TUNER)

		API	PAREILLAGE				
N°.	ALIGNEMENT RACCORD MENT		REGLAGE	REGLAGE DU AMPLI-TUNER	INDICATEUR DE SORTIE	POINTS DE REGLAGES	REMARQUES
SECT	ION MF						
1	DISCRIMI- NATEUR (1)	(A)	95 MHz 1 kHz. ±75 kHz Dév	FM-MONO 95 MHz	₿	_	* 1
2	DISCRIMI- NATEUR (2)	idem	95 MHz 1 kHz, ±75 kHz Dév 60 dB (Entrée ANT)	idem	* 2 R6	L7	ov
3	DISCRIMI- NATEUR (3)	idem	idem	idem	В	L8	Distorsion minimale
4	OSCILLA- TEUR 76 kHz	idem	95 MHz O Dév 60 dB (Entrée ANT)	FM- AUTO/MUTE 95 MHz	Relier un fréquencemètre au plot R22 et VR9 par un voltmètre C.A. *3	VR9	76 kHz ±200 Hz
5	TFI	©	95 MHz 1 kHz. ±68,25 kHz Dév SELECTION: L ou R Signal pilote (±6,75 kHz Dév) 60 dB (Entrée ANT)	idem	B	T1 (Partie frontale)	Distorsion minimale
6	SEPARA- TION	idem	idem	idem	idem	VR10	* 4
SECT	TION MA (KR-71	0)					
①	TFI	©	1 000 kHz 400 Hz, 30% Mod)	AM 1 000 kHz	8	L3	Déviation maximale
2	ALIGNEMENT	idem	600 kHz 400 Hz, 30% Mod	AM 600 kHz	idem	L1, 2	idem
3	ALIGNEMENT	idem	1 400 kHz 400 Hz, 30% Mod	AM 1 400 kHz	idem	TC1, 2 (Partie frontale)	idem
SECT	TION MA (KR-7	10L)		•			
1	TFI	(D)	1 000 kHz 400 Hz, 30% Mod	MW 1 000 kHz	₿	L3	Déviation maximale
2	MW- ALIGNEMENT	idem	600 kHz 400 Hz. 30% Mod	MW 600 kHz	idem	Antenne MA (A), L2	idem
3	MW- ALIGNEMENT	idem	1 400 kHz 400 Hz, 30% Mod	MW 1 400 kHz	idem	TC1, 2 (Partie frontale)	idem
4	LW- ALIGNEMENT	idem	160 kHz 400 Hz, 30% Mod	LW 160 kHz	idem	Antenne MA (B), L1	idem
(5)	LW- ALIGNEMENT	idem	340 kHz 400 Hz. 30% Mod	LW 340 kHz	idem	CT1, 2	idem

* 1~4 : Voir la page 10.

ABGLEICH (EMPFÄNGER)

NR.	ABOLEIOU	PRÜFE	NRICHTUNG	STEUR- GERÄT	AUSGANGS-	EINSTELL-	BEMER-
IN PG	ABGLEICH	ANSCHLÜSSE	EINSTELLUNG	EINSTEL- LUNG	ANZEIGE	PUNKT	KUNGEN
UKW	-EMPFANGSAE	STEILUNG					
1	DISCRIMI- NATOR (1)	A	95 MHz 1 kHz, ±75 kHz Hub	FM-MONO 95 MHz	B	_	* 1
2	DISKRIMI- NATOR (2)	dito	95 MHz 1 kHz, ±75 kHz Hub 60 dB (Eingangs- signalpegel)	dito	* 2 R6	L7	OV
3	DISKRIMI- NATOR (3)	díto	dito	dito	B	L8	Minimaler Klirrfaktor
4	SPANNUNGS GEREGELTER OSZILLATOR	dito	95 MHz O Hub 60 dB (Eingangs- signalpegel)	FM- AUTO/MUTE 95 MHz	Frequenzzähler zum Kreuzungs- punkt von R22 und VR9 über einew Wechsel spann- ungsmesser *3	VR9	76 kHz ±100
5	ZF-T	©	95 MHz 1 kHz, ±68,25 kHz Hub Wähler: L oder R Pilotton: (±6,75 kHz Hub) 60 dB (Eingangs- signalpegel)	dito	®	T1 (Frontende)	Minimaler Klirrfaktor
6	STEREO KANAL TRENNUNG	dito	dito	dito	dito	VR10	* 4
MW-	EMPFANGS AB	TEILUNG (KR-71	0)	· · · · · · · · · · · · · · · · · · ·			
1	ZF-T	©	1 000 kHz 400 Hz, 30% Mod	AM 1 000 kHz	₿	L3	Marimaler Ausschlag
2	EMPFANGS- BEREICH (1)	dito	600 kHz 400 Hz, 30% Mod	AM 600 kHz	dito	L1, 2	dito
3	EMPFANGS- BEREICH (2)	dito	1 400 kHz 400 Hz, 30% Mod	AM 1 400 kHz	dito	TC1, 2 (Frontende)	dito
MW	UND LW - EMP	ANGSABTEILUI	NG (KR-710L)				
1	ZF-T	0	1 000 kHz 400 Hz, 30% Mod	MW 1 000 kHz	₿	L3	Maximaler Ausschlog
2	MW- EMPFANGS- BEREICH (1)	dito	600 kHz 400 Hz, 30% Mod	MW 600 kHz	díto	Ferritantenna (A)	dito
3	MW- EMPFANGS- BEREICH (2)	dito	1 400 kHz 400 Hz, 30% Mod	MW 1 400 kHz	dito	TC1, 2 (Frontende)	dito
4	LW- EMPFANGS- BEREICH (1)	dito	160 kHz 400 Hz, 30% Mod	LW 160 kHz	dito	Ferritantenna (B) L1	dito
(5)	LW- EMPFANGS- BEREICH (2)	dito	340 kHz 400 Hz, 30% Mod	LW 340 kHz	dito	CT1, 2	dito

* $1\sim4$: Sehen den page 11.



ADJUSTMENT (TUNER)/REGLAGES (TUNER)/ABGLEICH (EMPFÄNGER)

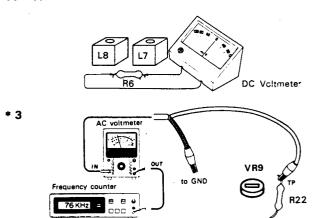
* 1

Adjust the tuning knob so that the same amount of noise is observed at the top and bottom of the output waveform with a weak signal.



* 2

Connect the DC voltmeter across R6.



* 4 Minimum output

A compromise adjustment may be required if left-to-right and right-to-left separations are unequal.

* 5 FM fronted

The FM front end section is completely adjusted in the factory and further adjustment is not necessary. When the FM front end section cannot be repaired by replacing semiconductors, replace the FM front end PCB ass'y and do the following.

- (1) Set FM-SG to 90 MHz, 1 kHz Mod, ±75 kHz Dev, 60 dB and connect it to the antenna terminal of the receiver.
- (2) Receive the FM-SG signal.
- (3) Fix the dial pointer at 90 MHz.

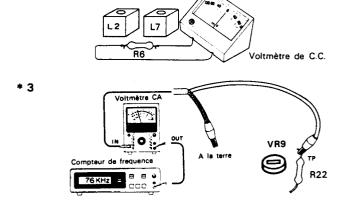
* 1

Ajuster le bouton d'accord de façon que la même quantité du bruit puisse être observé au sommet et en bas de la forme d'onde de sortie sous des conditions d'alimentation de signal faible.



* 2

Relier un voltmètre de C.C. sur R6.



* 4 Sortie minimale

Si la sortie la droit de diaphonie et la gauche ne sont cieest pas même regler le potentiomètre ajustable pour que la tension de sortie est même.

* 5

Si la partie frontale FM ne peut pas être réparée en remplaçant les semi-conducteurs PCB de la partie frontale et effectuer les opérations suivantes:

- (1) Régler FM-SG à 90 MHz, 1 kHz Mod, ±75 kHz, 60 dB et le connecter à la borne d'antenne du récepteur.
- (2) Recevoir le signal FM-SG.
- (3) Fixer l'aiguille du cadran à 90 MHz.

ADJUSTMENT (AMP)/REGLAGES (AMPLI)/ABGLEICH (VERSTÄRKER)

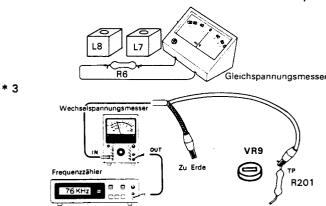
* 1

Den Abstimmknopf so einstellen, daß an der oberen und unteren Grenze der Ausgangswellenform bei schwachem Signal dasselbe Geräusch auftritt.



* 2

Einen Gleickspannungs messer über R6 anschließen.



* 4 Minimaler Ausschlag

Wenn dem Übersprechanteil des linken Kanals in den rechten Kanal und dem Übersprechanteil des rechten Kanals in den linken Kanal ungleich sind, eine kompromißabgleichung wird geforden.

* 5 UKW-Frontende

Das UKW-Frontende wird bereits im Werk vollständig eingestellt. Weitere Einstellung ist daher nicht nötig.

Wenn das UKW-Frontende durch Auswechseln der Halbleiter nicht repariert werden kann, ist die Leiterplatte des Frontendes auszuwechseln und folgende Einstellung vorzunehmen:

- (1) Den UKW-Signalgenerator auf 90 MHz, 1 kHz Modulation ±75 kHz Hub, und 60 dB einstellen und mit der Antennenklemme des Steuergeräts verbinden.
- (2) Den Steuergeräts so einstellen, daß das Meßsendersignal empfangen wird, während der Skalenzeiger auf 90 MHz zeigt.

OFFSET

- 1. Set the SPEAKERS switch to A and the VOLUME to $\ensuremath{\text{O}}$
- 2. Connect a DC voltmeter to the SPEAKERS A terminals.
- 3. Adjust VR5 (VR6) for a OV reading of the DC voltmeter.

DECALAGE (OFFSET)

- Régler SPEAKERS interrupteur au A et VOLUME au O.
- 2. Brancher le voltmètre de C.C. aux bornes de sortie (SPEAKERS A) + et -.
- 3. Régler VR5 (VR6) de façn à ce que le voltmètre de C.C. indique OV.

VERSCHIEBUNG

- Den Schalter SPEAKERS auf A und den VOLUME auf O einstellen.
- Einen Gleichspannungsmesser an die Klemmen SPEAKERS A anschließen.
- Den VR5 (VR6) so regulieren, daß die Gleichspannungsmesser-Ablesung OV ist.

IDLE CURRENT

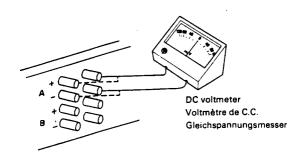
- 1. Set the VOLUME to 0.
- Connect the DC voltmeter between the emitters of Q27 and Q29 (Q28 and Q30).
- 3. Adjust VR7 (VR8) for a 30 mV reading of the DC voltmeter.

COURANT DE POLARISATION

- 1. Régler VOLUME au 0.
- 2. Brancher le voltmètre de C.C. sur l'émitteur de Q27 et Q29 (Q28 et Q30).
- Régler VR7 (VR8) de façon à ce que le voltmètre de C.C. indique 30 mV.

LEERLAUFSTROM

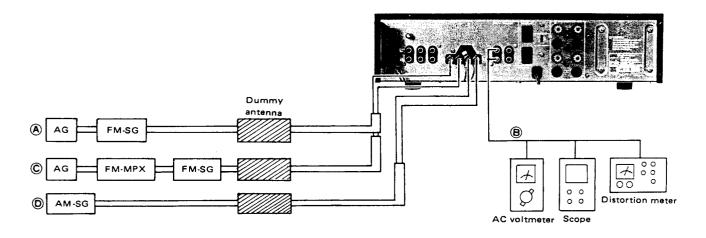
- 1. Den VOLUME auf 0 einstellen.
- 2. Den Gleichspannungsmesser zwischen den Emitter von Q27 und Emitter von Q29 (Q28 und Q30).
- 3. Den VR7 (VR8) so regulieren, daß die Gleichspannungsmesser-Ablesung 30 mV ist.

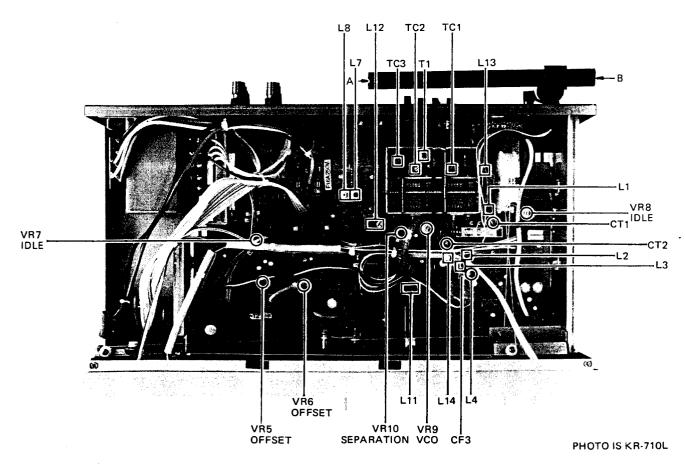




ADJUSTMENT (REGLAGE, ABGLEICH)

TEST INSTRUMENT	APPREILLAGE	PRÜFINSTRUMENTE	
Oscilloscope	Oscilloscope	Oszilloskop	SCOPE
AM signal generator	Générateur MA	MWèSingnalgenerator	AM-SG
FM signal generator	Générateur MF	UKW-Signalgenerator	FM-SG
Audio generator	Générateur audio fréquences	NF-Signalgenerator	AG
AC voltmeter	Volltmètre CA	Wechselspannungsmesser	SSVM
FM multiplex generator	Générateur multiplex stéréo	UKW-Multiplexgenerator	FM-MPX
Frequency counter	Fréquencemètre	Frequenzzähler	
DC voltmeter	Voltmètre CC	Gleichspannungsmesser	
Distortion meter	Distorsiomètre	Klirrfaktormesser	
Dummy antenna	Antenna fictive	Antennennachbildung	



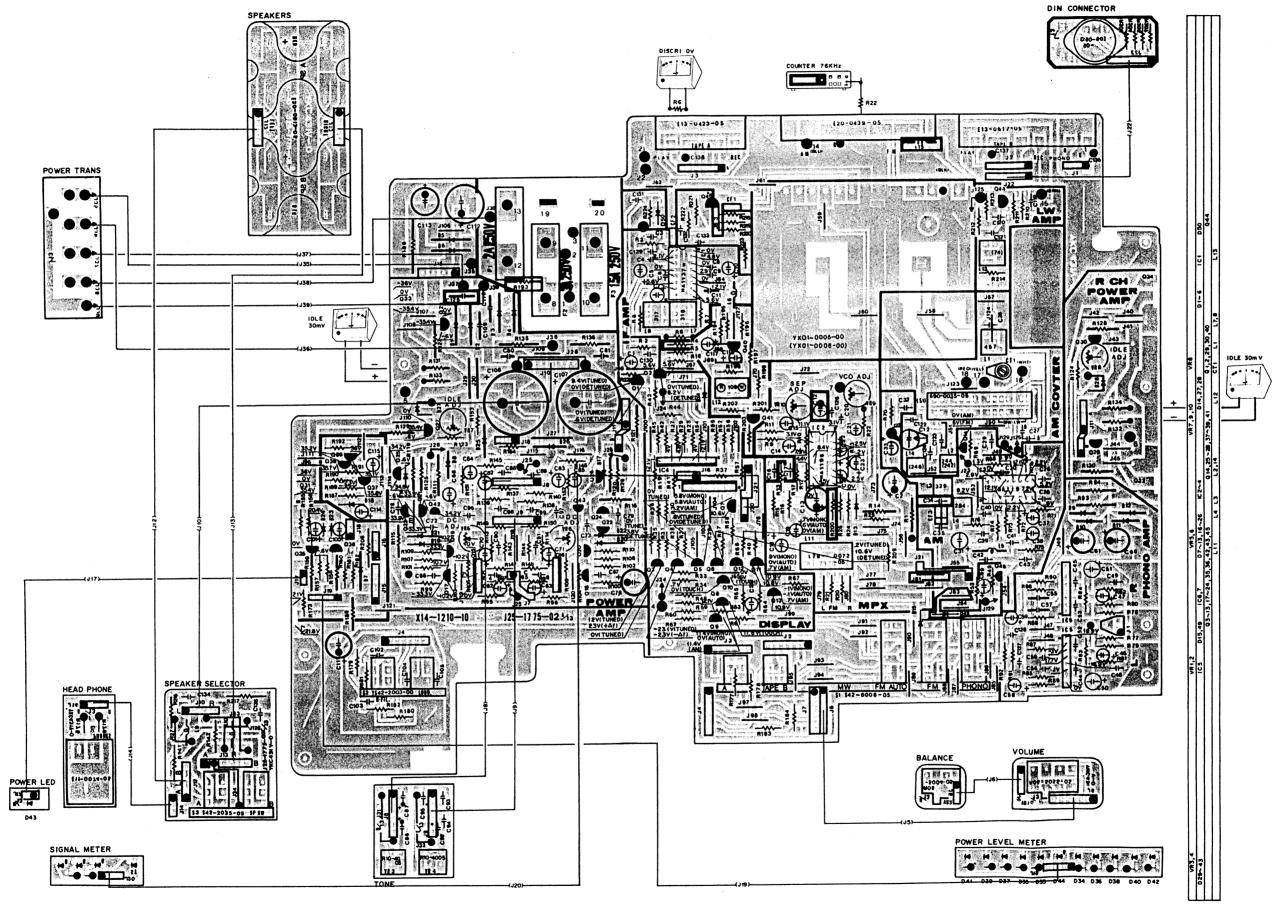




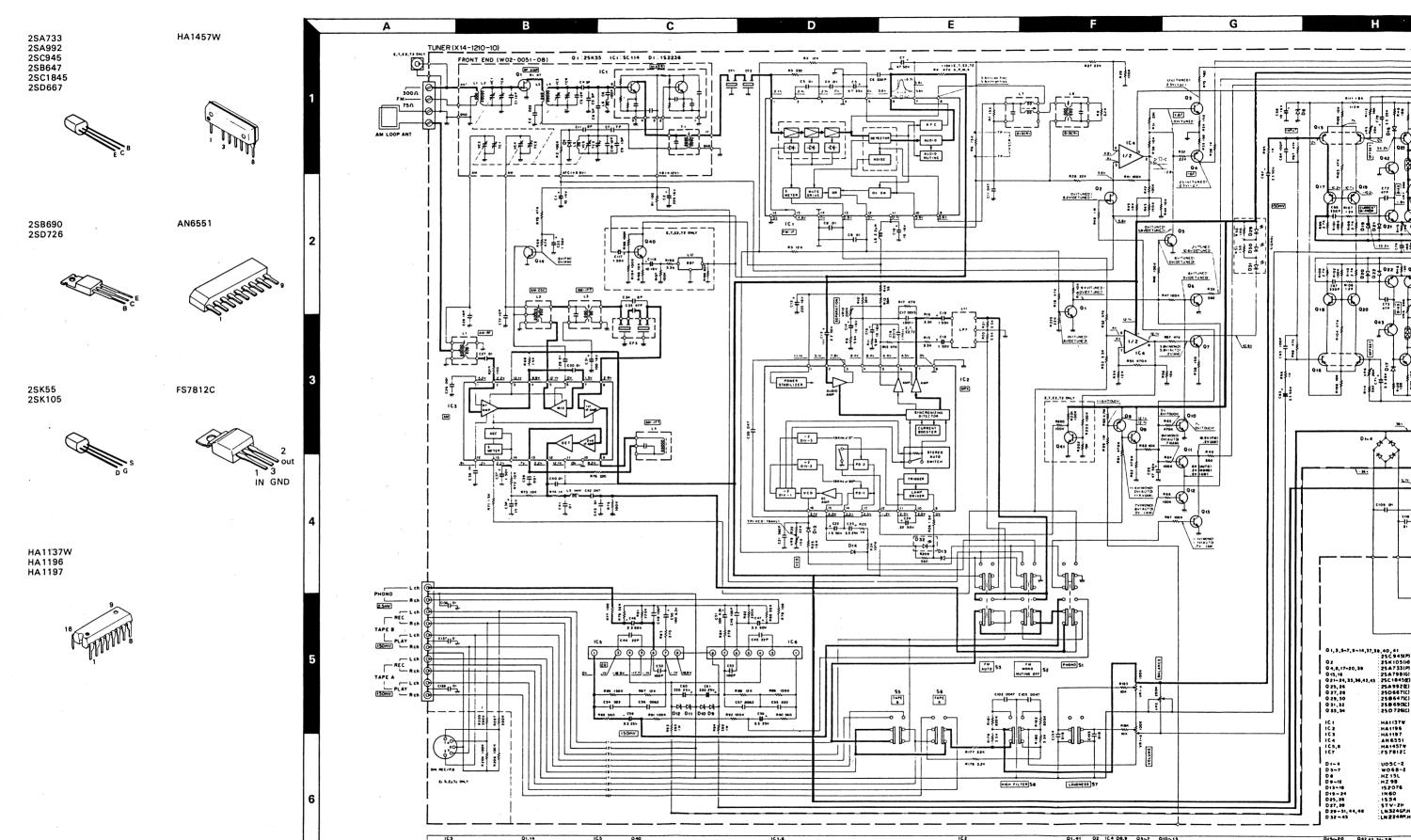
TUNER (X14-121x-xx)

KR-710(L) KR-710(L)



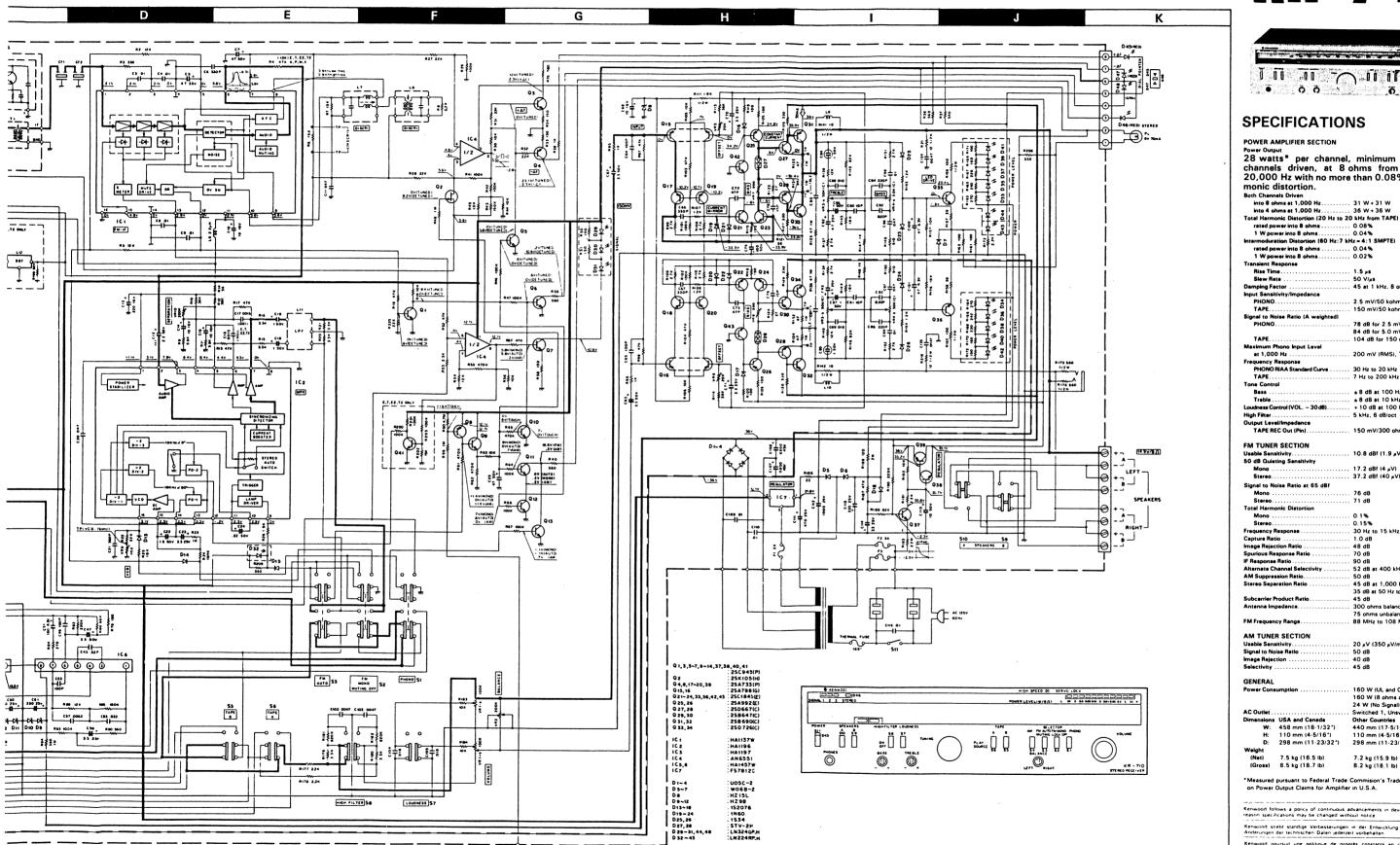






STEREO RECEIVER

KR-710



D29~ 31

037~39 035,36 D18 511 023~26 D7 510,9

01,41 02 IC4 08,9 Q3~7 Q10~13 51,7

55,6 D32,15



SPECIFICATIONS

POWER AMPLIFIER SECTION

28 watts* per channel, minimum RMS both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.08% total harmonic distortion.

. 1.5 µs . 50 V/µs . 45 at 1 kHz, 8 ohms Damping Factor Input Sensitivity PHONO..... 2.5 mV/50 kohms 150 mV/50 kohms . 78 dB for 2.5 mV input 84 dB for 5.0 mV input 104 dB for 150 mV input 200 mV (RMS), THD 0.089 30 Hz to 20 kHz ± 0.4 dB TAPE.. 7 Hz to 200 kHz - 3 dB . ±8 dB at 100 Hz . ±8 dB at 10 kHz . +10 dB at 100 Hz . 5 kHz, 6 dB/oct Loudness Co High Filter... TAPE REC Out (Pin) 150 mV/300 ohms FM TUNER SECTION 10.8 dBf (1.9 µV)

Signal to Noise Ratio at 65 dBf

0.1% 30 Hz to 15 kHz, +1 dB, -2 dB 1.0 dB

. 1.0 dB . 48 dB . 70 dB . 90 dB . 52 dB at 400 kHz . 50 dB . 45 dB at 1,000 Hz . 35 dB at 50 Hz to 10 kHz . 45 dB . 300 ohms balanced &

AM TUNER SECTION 20 µV (350 µV/m) 50 dB 40 dB 45 dB

160 W (UL and CSA)

75 ohms unbalanced 88 MHz to 108 MHz

Dimensions USA and Canada
W: 458 mm (18-1/32")
H: 110 mm (4-5/16")
D: 298 mm (11-23/32")

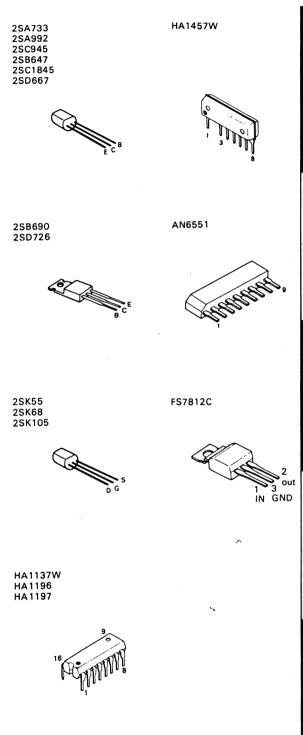
. 160 W (UL and CSA)
160 W (80 Ahms at rated power)
24 W (No Signal)
5 witched 1, Unswitched 1
Other Countries
440 mm (17-5/16")
110 mm (4-5/16")
298 mm (11-23/32")

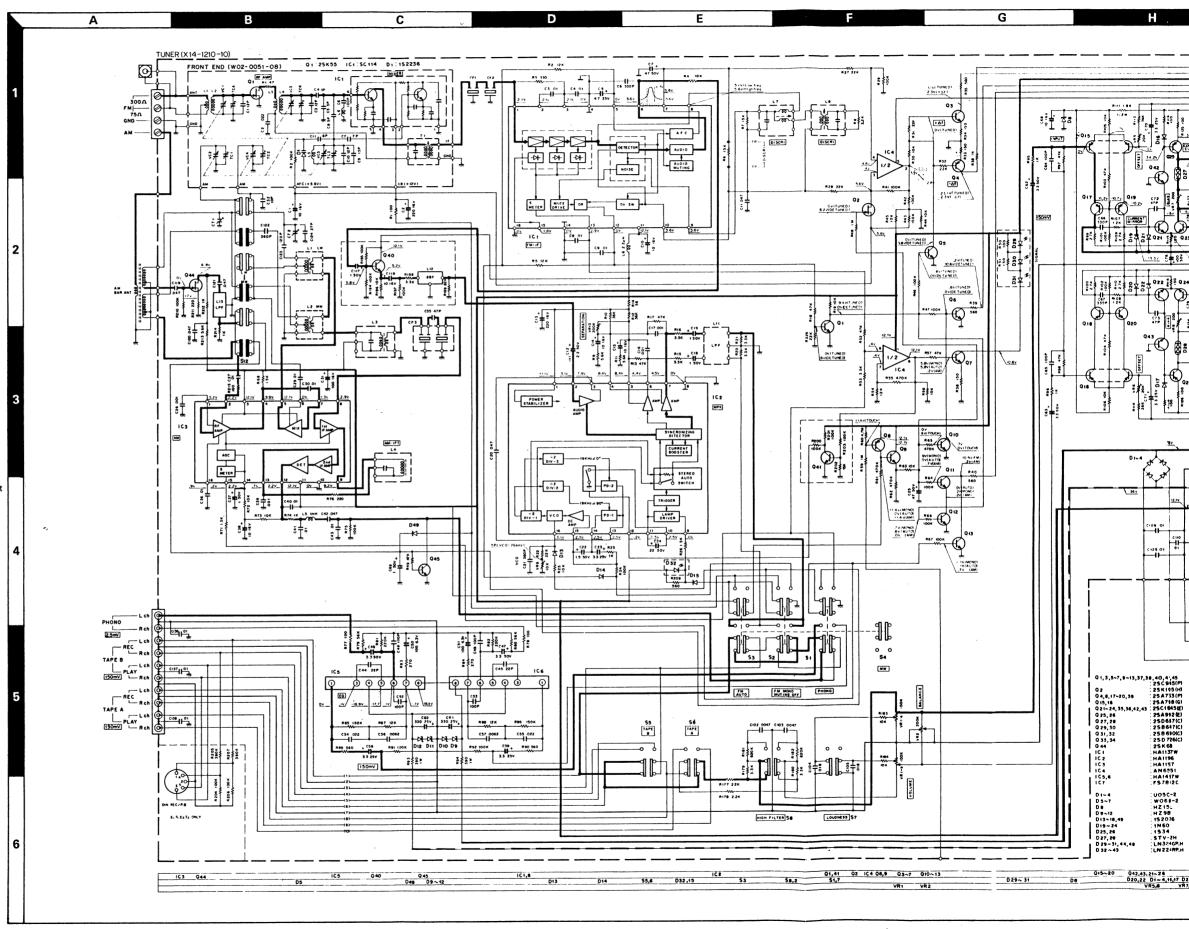
Weight (Net) 7.5 kg (16.5 lb) (Gross) 8.5 kg (18.7 lb) 7.2 kg (15.9 lb) 8.2 kg (18.1 lb) *Measured pursuant to Federal Trade Commission's Trade Reg

Kenwood strebt standige Verbesserungen in der Entwicklung an. Daher bleiben Anderungen der technischen Daten jederzeit vorbehalten. Kenwood poursuit une politique de progrès constants en ce qui concerne le developpement. Pour cette raissun les spécifications sont sujettes à modifications sans préave.

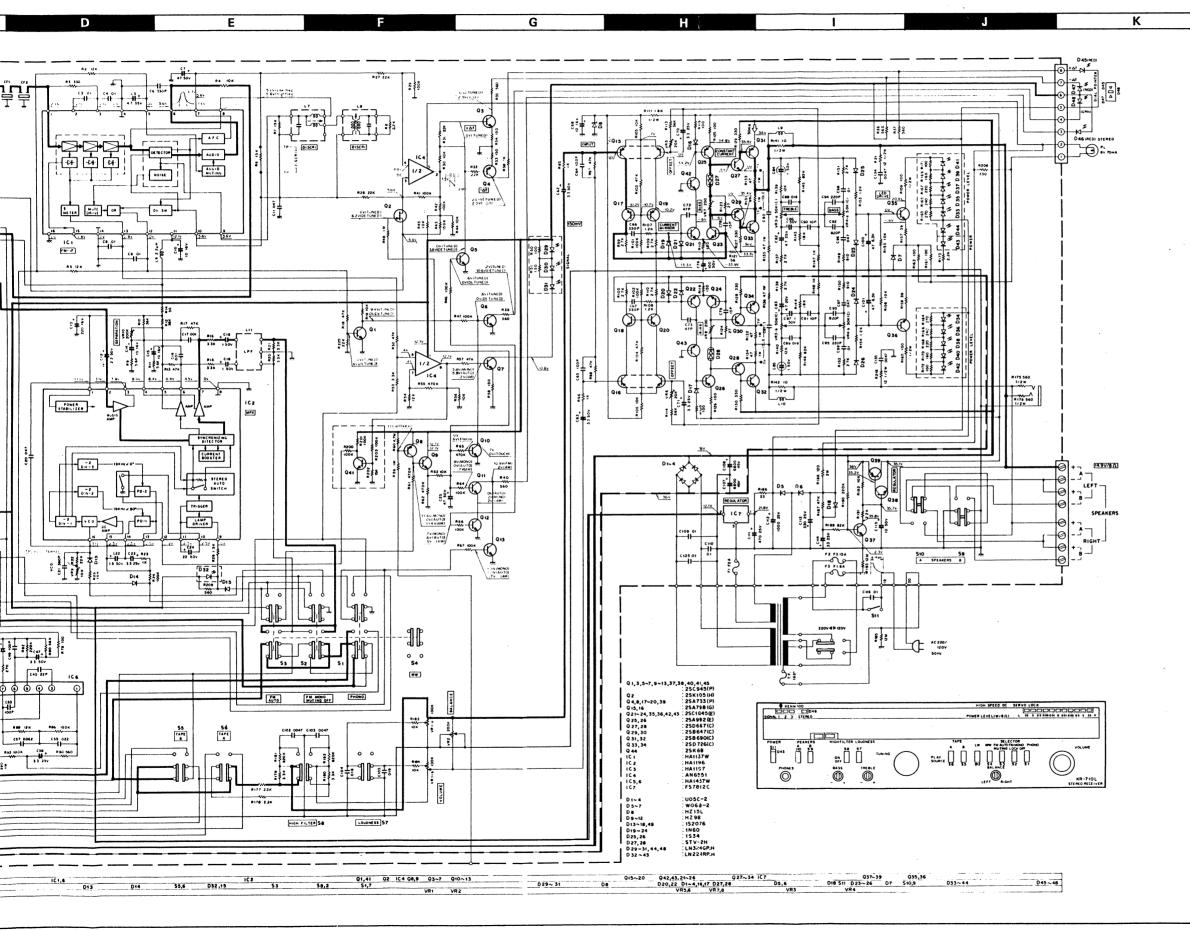
D45~48







STEREO RECEIVER



KR-710L



SPECIFICATIONS

AUDIO S	
Rated Pov	er Output
	at 20 Hz to 20 kHz
no mo	re than 0.08% THD (FTC)
4 ohms	at 63 Hz to 12.5 kHz re than 0.7% THD (IEC)
	nonic Distortion
Hated P	ower Output into 8 ohms
Intermodu	ation Distortion
rrequency	+ 0 dB 3
S/N Wein	ited: Rated Output Power (IEC-A)
// 1101g	Unweighted at 50 mW (DIN)
PHONO	78 dB (56
TAPE	actor at 8 ohms, 1 kHz
Damping	actor at 8 ohms, 1 kHz
Transient	Response
Rise Tin	6
Slew R	te±50 \
	sitivity/Impedance
PHONO	
	150 mV/50
Tone Con	
	00 Hz
	10 kHz
Loudness	Control (- 30 dB)
High Filte	5 kHz, 6 dB/
	ER SECTION
Sensitivit	et 75 ohms /N 26 dB, 40 kHz Dev
	S/N 46 dB, 46 kHz Dev
EO de Ou	eting Sensitivity Mono (IHF)
Limiting L	
	Point, 40 kHz Dev
Frequenc	Response 30 Hz - 15
	+ 1 dB, - 2
Mono: Stereo:	nonic Distortion . kHz, 40 kHz Dev
Mono: Stereo: S/N Weig Mono: Stereo:	kHz. 40 kHz Dev 0.1 kHz. 45 kHz Dev 0.1 kHz. 45 kHz Dev 10 ed (IEC-A) 0.1 ded (IEC-A) 0.2 kHz Dev. 1 mV Input 56 k
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio	kHz, 40 kHz Dev. 0. 1 kHz, 46 kHz Dev. 0. 1 kHz, 46 kHz Dev. 1. 0 kHz Dev., 1 mV Input. 72 46 kHz Dev., 1 mV Input. 68 (IHF)
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono:	kHz. 40 kHz Dev 0. 1 kHz. 45 kHz Dev 0. vied (IEC-A) 0 kHz Dev. 1 mV Input 72 46 kHz Dev. 1 mV Input 55 (IHF) 5 kHz Dev. 1 mV Input 75 5 kHz Dev. 1 mV Input 75
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono: Stereo:	kHz, 40 kHz Dev. 0 1 kHz, 46 kHz Dev. 0 1ted (IEC-A) 0 kHz Dev. 1 mV Input
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono: Stereo: FM Stere	kHz, 40 kHz Dev. 0 1 kHz, 46 kHz Dev. 0 sted (IEC-A) 0 0 kHz Dev., 1 mV Input 72 48 kHz Dev., 1 mV Input 68 (IHF) 5 kHz Dev., 1 mV Input 76 75 kHz Dev., 1 mV Input 71 Separation: 1 mV Input (DIN)
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono: Stereo: FM Stere 250 Hz	kHz, 40 kHz Dev. 0 1 kHz, 45 kHz Dev. 0 1 ted (IEC-A) 0 kHz Dev. 1 mV Input. 72 46 kHz Dev. 1 mV Input. 66 (IHF) 5 kHz Dev. 1 mV Input. 75 5 kHz Dev. 1 mV Input. 71 Separation: 1 mV Input (DIN)
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono: Stereo: FM Stere 250 Hz 1 kHz.	kHr. 40 kHz Dev. 0 1 kHz, 46 kHz Dev. 0 1ted (IEC-A) 0 kHz Dev. 1 mV Input. 72 48 kHz Dev. 1 mV Input. 66 (IHF) 5 kHz Dev. 1 mV Input. 76 5 kHz Dev. 1 mV Input. 76 75 kHz Dev. 1 mV Input. 76 75 kHz Dev. 1 mV Input. 77 Separation: 1 mV Input (DIN)
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono: Stereo: FM Stere 250 Hz 1 kHz. 6.3 kH	kHz. 40 kHz Dev 0. I kHz. 45 kHz Dev 0. sted (IEC-A) O kHz Dev. 1 mV Input 56 (IHF) S kHz Dev. 1 mV Input 75 S kHz Dev. 1 mV Input 71 Separation: 1 mV Input (DIN) 32 44
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono: Stereo: FM Steree 250 Hz 1 kHz. 6.3 kH	kHz, 40 kHz Dev. 0 1 kHz, 48 kHz Dev. 0 1 ted (IEC-A) 0 kHz Dev. 1 mV Input. 72 48 kHz Dev. 1 mV Input. 76 1 kHz Dev. 1 mV Input. 75 5 kHz Dev. 1 mV Input. 77 6 kHz Dev. 1 mV
Mono: Stereo: S/N Weig Mono: Stereo: S/N Retio Mono: Stereo: FM Stere 250 Hz 6.3 kH 12.5 ki	kHz, 40 kHz Dev. 0 1 kHz, 45 kHz Dev. 0 1 kHz (IEC-A) mV Input
Mono: Stereo: S/N Weig Mono: S/N Retio Mono: Stereo: FM Stere 250 Hz 1 kHz. 6.3 kH 1.2.5 kl Image Rej Selectivit	kHz, 40 kHz Dev. 0 1 kHz, 45 kHz Dev. 0 1 ted (IEC-A) 0 kHz Dev., 1 mV Input. 72 46 kHz Dev. 1 mV Input. 66 (IHF) 5 kHz Dev., 1 mV Input. 75 5 kHz Dev., 1 mV Input. 71 5 kHz Dev., 1 mV Input (DIN) 44 45 46 47 48 48 49 49 40 40 40 40 40 40 40 40 40 40 40 40 40
Mono: Stereo: S/N Weig Mono: S/N Ratio Mono: Stereo: FM Stere 250 Hz 1 kHz. 6.3 kH 1.2.5 ki Image Rej Selectivit	kHz, 40 kHz Dev. 0 1 kHz, 46 kHz Dev. 0 1 ted (IEC-A) 0 kHz Dev. 1 mV Input. 72 46 kHz Dev. 1 mV Input. 66 (IHF) 5 kHz Dev. 1 mV Input. 75 5 kHz Dev. 1 mV Input. 77 5 kHz Dev. 1 mV Input. 77 1 Separation: 1 mV Input (DIN) 31 44 45 46 46 47 48 48 49 49 49 49 40 40 40 40 40 40 40 40 40 40 40 40 40
Mono: Stereo: S/N Weig Mono: Stereo: S/N Retio Mono: Stereo: FM Stere 250 Hz 1 kHz. 6.3 kH 12.5 ki Image Rei Selectivit 300 kH IF Rejectiv	kHz. 40 kHz Dev
Mono: Stereo: S/N Weigh Mono: Stereo: S/N Ratio Mono: Stereo: 1 kHz. 6.3 kH 12.5 ki Image Rej Selectivit 300 kH IFA	kHz, 40 kHz Dev. 0 1 kHz, 45 kHz Dev. 0 1 ted (IEC-A) 0 kHz Dev. 1 mV Input. 72 46 kHz Dev. 1 mV Input. 65 (IHF)
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono: Stereo: FM Stereo: 250 Hz 1 kHz. 6.3 kH 1.2.5 kl Image Rei Selectivit 300 kH IF Rejectiva AM Supp Spurious:	kHz. 40 kHz Dev 0 I kHz. 45 kHz Dev 0 sted (IEC-A) O kHz Dev. 1 mV Input 55 kHz Dev. 1 mV Input 77 kHz Dev. 1 mV Input 10IN) Separation: 1 mV Input (DIN) 44 kHz Dev. 1 mV Input (DIN) 22 kHz Dev. 1 mV Input (DIN) 55 kHz Dev. 1 mV Input (DIN) 56 kHz Dev. 1 mV Input (DIN) 57 kHz Dev. 1 mV Input (DIN) 58 kHz Dev. 1 mV Input (DIN) 59 kHz Dev. 1 mV Input (DIN) 50 kHz Dev. 1 mV Input (DIN) 50 kHz Dev. 1 mV Input (DIN) 51 kHz Dev. 1 mV Input (DIN) 52 kHz Dev. 1 mV Input (DIN) 53 kHz Dev. 1 mV Input (DIN) 54 kHz Dev. 1 mV Input (DIN) 55 kHz Dev. 1 mV Input (DIN) 56 kHz Dev. 1 mV Input (DIN) 57 kHz Dev. 1 mV Input (DIN) 58 kHz Dev. 1 mV Input (DIN) 58 kHz Dev. 1 mV Input (DIN) 59 kHz Dev. 1 mV Input (DIN) 50 kHz Dev. 1 mV Input (DIN) 50 kHz Dev. 1 mV Input (DIN) 50 kHz Dev. 1 mV Input (DIN) 51 kHz Dev. 1 mV Input (DIN) 52 kHz Dev. 1 mV Input (DIN) 53 kHz Dev. 1 mV Input (DIN) 54 kHz Dev. 1 mV Input (DIN) 55 kHz Dev. 1 mV Input (DIN) 56 kHz Dev. 1 mV Input (DIN)
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono: Stereo: FM Stere 250 Hz 1 kHz. 6.3 kH 12.5 kl Image Rei Selectivit 300 kH IF Rejectia AM Supp Spurious I Capture R	kHz, 40 kHz Dev. 0 1 kHz, 45 kHz Dev. 0 1 ted (IEC-A) 0 kHz Dev., 1 mV Input. 72 46 kHz Dev. 1 mV Input. 66 (IHF) 5 kHz Dev., 1 mV Input. 75 5 kHz Dev., 1 mV Input. 76 5 kHz Dev., 1 mV Input. 76 5 kHz Dev., 1 mV Input. 71 5 separation: 1 mV Input (DIN) 44 45 46 47 48 48 49 49 40 40 40 40 40 40 40 40 40 40 40 40 40
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono: Stereo: FM Stere 250 Hz 1 kHz. 6.3 kH 12.5 kl Image Rei Selectivit 300 kH IF Rejectia AM Supp Spurious I Capture R	kHz. 40 kHz Dev 0 I kHz. 45 kHz Dev 0 sted (IEC-A) O kHz Dev. 1 mV Input 55 kHz Dev. 1 mV Input 77 kHz Dev. 1 mV Input 10IN) Separation: 1 mV Input (DIN) 44 kHz Dev. 1 mV Input (DIN) 22 kHz Dev. 1 mV Input (DIN) 55 kHz Dev. 1 mV Input (DIN) 56 kHz Dev. 1 mV Input (DIN) 57 kHz Dev. 1 mV Input (DIN) 58 kHz Dev. 1 mV Input (DIN) 59 kHz Dev. 1 mV Input (DIN) 50 kHz Dev. 1 mV Input (DIN) 50 kHz Dev. 1 mV Input (DIN) 51 kHz Dev. 1 mV Input (DIN) 52 kHz Dev. 1 mV Input (DIN) 53 kHz Dev. 1 mV Input (DIN) 54 kHz Dev. 1 mV Input (DIN) 55 kHz Dev. 1 mV Input (DIN) 56 kHz Dev. 1 mV Input (DIN) 57 kHz Dev. 1 mV Input (DIN) 58 kHz Dev. 1 mV Input (DIN) 58 kHz Dev. 1 mV Input (DIN) 59 kHz Dev. 1 mV Input (DIN) 50 kHz Dev. 1 mV Input (DIN) 50 kHz Dev. 1 mV Input (DIN) 50 kHz Dev. 1 mV Input (DIN) 51 kHz Dev. 1 mV Input (DIN) 52 kHz Dev. 1 mV Input (DIN) 53 kHz Dev. 1 mV Input (DIN) 54 kHz Dev. 1 mV Input (DIN) 55 kHz Dev. 1 mV Input (DIN) 56 kHz Dev. 1 mV Input (DIN)
Mono: Stereo: S/N Weig Mono: Stereo: S/N Retio Mono: Stereo: FM Stere 250 Hz 1 kHz. 6.3 kH 12.5 ki Image Rej Selectivit 300 kH IF Rejecti AM Supp Spurious i Capture R	kHz, 40 kHz Dev
Mono: Stereo: S/N Weig Mono: Stereo: S/N Retio Mono: Stereo: FM Stere 250 Hz 1 kHz. 6.3 kH 12.5 ki Image Rej Selectivit 300 kH IF Rejectiv AM Supp Sprious I Capture R	kHz, 40 kHz Dev 0. 1 kHz, 45 kHz Dev 0. 1 kHz, 45 kHz Dev 1. 2 kHz Dev 1. 2 kHz Dev 1. 3 kHz Dev 1. 3 kHz Dev 1. 3 kHz Dev 1. 3 kHz Dev 1. 4 kHz Dev 1.
Mono: Stereo: Stereo: Stereo: Stereo: Stereo: FM Stereo: FM Stereo: 1 kHz. 6.3 kH 12.5 ki Image Rej Selectiviti 300 kt IF Rejecti AM Supp Spurious i Capture R Pilot Tono MW TUI Sensitivit	kHz, 40 kHz Dev
Mono: Stereo: Stereo: Stereo: Stereo: Stereo: FM Stereo: FM Stereo: FM Stereo: 6.3 kH. 12.5 ki 12.5 ki 13.00 kH. Image Rei Selectivit 300 kH. IF Rejectivit AM Supp Spuriousi Capture R. Pilot Tone MW TUI Sensitivit Schiki	kHz, 40 kHz Dev. 0 1 kHz, 45 kHz Dev. 0 1 kHz (16C-A) 1 kHz Dev. 1 mV Input. 72 46 kHz Dev. 1 mV Input. 66 (IHF) 5 kHz Dev. 1 mV Input. 75 5 kHz Dev. 1 mV Input. 75 5 kHz Dev. 1 mV Input. 75 5 kHz Dev. 1 mV Input. 71 5 separation: 1 mV Input (DIN) 62 64 64 65 66 67 68 68 68 68 68 68 68 68 68 68 68 68 68
Mono: Stereo: Stereo: Stereo: Stereo: Stereo: FM Stereo: FM Stereo: FM Stereo: 6.3 kH. 12.5 ki 12.5 ki 13.00 kH. Image Rei Selectivit 300 kH. IF Rejectivit AM Supp Spuriousi Capture R. Pilot Tone MW TUI Sensitivit Schiki	kHz, 40 kHz Dev
Mono: Stereo: S/N Weig Mono: Stereo: S/N Ratio Mono: Stereo: Stereo: Stereo: A Stereo:	kHz. 40 kHz Dev
Mono: S/N Weig Mono: S/N Retio Stereo: S/N Ratio Mono: Stereo: S/N Ratio Mono: Stereo: S/N Stereo S/N Stereo S/N Stereo Solution Stereo: Selectivit 300 kH IF Rejectiv AM Supp Selectivit Solution Supprious Spurious Spurious Supprious Suppri	kHz, 40 kHz Dev
Mono: S/N Weig Mono: S/N Retio Stereo: S/N Ratio Mono: Stereo: S/N Ratio Mono: Stereo: S/N Stereo S/N Stereo S/N Stereo Solution Stereo: Selectivit 300 kH IF Rejectiv AM Supp Selectivit Solution Supprious Spurious Spurious Supprious Suppri	kHz, 40 kHz Dev
Mono: Steven: S/N Weig Mono: Steven: S	kHz, 40 kHz Dev
Mono: S/N Weig Mono: S/N Retio Stereo: S/N Ratio Mono: Stereo: S/N Ratio Mono: Stereo: S/N Stereo S/N Stereo S/N Stereo Solution Stereo: Selectivit 300 kH IF Rejectiv AM Supp Selectivit Solution Supprious Spurious Spurious Supprious Suppri	kHz. 40 kHz Dev
Mono: Stereo: S/N Weiging Mono: Stereo: S/N Weiging Mono: Stereo: S/N Ratio Mono: Stereo: S/N Ratio Mono: S/N Spurious IC AM Supp Piùo Tone MW TIVI S/S/N Ratio Image Re LW TIVI S/S/N Ratio Image Re Resident Mono: S/N Ratio Image Resident Mono: S/N Ratio Image Re	kHz, 40 kHz Dev
Mono: SIN Waiging Mono: SIN Ratio Mono: SIN Ratio SIN Ra	kHz, 40 kHz Dev
Mono: Stereo: S/N Waigi Mono: Stereo: S/N Ratio Mono: Stereo:	kHz, 40 kHz Dev
Mono: Sire Reis Sir Weigig Mono: Sire Reis Sir Ratio Mono: Sire Reis Sire Re	kHz. 40 kHz Dev
Mono: Stereo: S/N Waigh Mono: Stereo:	kHz, 40 kHz Dev
Mono: Stereo: S/N Weight Mono: Stereo: S/N Ratio Mono: Stereo:	kHz, 40 kHz Dev
Mono: Sire Reis Sir Waigi Mono: Sir Raio Mono: Sire Reis Sir Raio 1 kHz 12.5 ki Inmage Rei LW TUN Sensitivit Image Re GENERA POwer CG Reis GENERA GENERA GENERA GENERA GENERA GENERA GENERA GENERA MONO MONO MONO MONO MONO MONO MONO MON	kHz, 40 kHz Dev

Kenwood follows a policy of continuous advancements in devicesson specifications may be changed without notice

enwood strebt standige Verbesserungen in der Entwicklung an. Daher bl inderungen der technischen Daten jederzeit vorbehalten

Cenwood poursuit une politique de progrés constants en ce qui concerne le teveroppement. Pour cette raison les spécifications sont sujettes à modifications sans préavis



PARTS LIST

INSTRUCTION FOR PARTS LIST

Ref. No.	Parts No.	Description	Re-
*##5	# A # 9	据品名/规格	89
_18 1'A	A01-0608-12	METALLIC CABINET	1
19 ZA	#2C-1979-11	FRONT PANEL ASSY	* K-
19 2A	A2C-1979-11	FRONT PANEL ASSY	PM
19 ZA	A2C-1979-11	FRONT PANEL ASSY	SU
19 2A	A20-1979-11	FRONT PANEL ASSY	X
R221	R43-1333-15	FL-PROOF RD330 J ZH	•
R222	R43-1368-15	FL-PROOF ROSSO J ZH	•
VR1 ,2	R12-3301-05	TRIMMING POT. 20K(B)	1
VR3 /4	R19-4305-05	POTENTIOMETER (OUTPUT)	
VR5 .6	R12-2302-05	TRIMMING POT. 5K(B)	1

- 1 Exploded view drawing No
- 2 Position in exploded view.
- 3 Symbol of new parts.
- Area to which parts are shipped. Example: A20-1390-13 is the part No. of FRONT PANEL ASS'Y for the "K" type products (for U.S.A.). When this column is blank, it means that the same type of parts (same parts No.) are used for the products shipped to all areas.
- 3 Reference No. in schematic diagram.
- Abbreviation of "ceramic capacitor".
 All capacitors and resistors are listed using abbreviations.
 Abbreviations.
- Abbreviations of capacitors (Parts No. with initial letter "C").

ELECTRO Electrolytic capacitor

LL-ELEC Low leak electrolytic capacitor NP-ELEC Non-pole electrolytic capacitor

NP-ELEC Non-pole electrolytic cal
MICA Mica capacitor
POLYSTY Polystyrene capacitor
MYLAR Mylar capacitor
CERAMIC Ceramic capacitor

TANTAL Tantalum capacitor
MF Metallized film capacitor

 $\begin{array}{llll} \text{MP} & & \text{Metallized paper capacitor} \\ \text{OIL} & & \text{Oil capacitor} \\ \text{The unit "UF" is used in lieu of "μF"} \end{array}$

Abbreviations of resistors (Parts No. with initial letters "R").

RC Carbon composition resistor
RD Carbon film resistor

FL-PROOF RD Flame-proof carbon film resistor

RW Wire wound power resistor

Flame proof motal oxide film resistor

FL-PROOF RS Flame-proof metal oxide film resistor RN Metal film resistor

FUSE-RESIST Resistor with fuse function

Rated wattage 1/8W 2B 1/4W Rated wattage 2F 1/2W Rated wattage Rated wattage 1\\\ 3D Rated wattage 2W Rated wattage 3W 3F Rated wattage 4W 3G Rated wattage 5W

All resistor values are indicated with the unit (Ω) omitted

Abbreviations common to capacitors and resistors. C $\pm 0.25 pF$ (Used for capacitors only)
D $\pm 0.5 pF$ (Used for capacitors only)

F ±1%
G ±2%
J ±5%
K ±10%
M +20%

M ±20%
Z +80%. -20%(Used for capacitors only)
P +100%. -0%(Used for capacitors only)

Resistors RD (carbon composition resistors) are not listed in the parts list. For values, refer to the schematic diagram.

Codes in X14-121*-**

K,P: X14-1210-10 **T**: X14-1210-51

Refer to exploded view on page 6.

Ref. No.	Parts No.	Description	Re-
参照番号	部品書号	部品名/規格	marks 備考
	(R-710 (L)		
1 2B 2 2A 3 3B 4 2B		REAR PANEL SUBPANEL BOTTOM PLATE ANTENNA HOLDER	
10 1A 10 1A 10 1A 10 1A 10 1A	A01-0373-03 A01-0373-03 A01-0374-03 A01-0374-03 A01-0374-03	CASE CASE CASE CASE CASE	+k P UM XT E
10 1A 11 3A 11 3A 11 3A 11 3A	A01-0374-03 A20-1674-08 A20-1674-08 A20-1674-08 A20-1674-08	CASE KR-710L FRONT PANEL ASSY FRONT PANEL ASSY FRONT PANEL ASSY FRONT PANEL ASSY	*K PU MX E
11 3A 11 3A 11 3A 12 1A 12 1A	A20-1676-08 A20-1678-03 A20-1680-03 A50-0078-03 A50-0078-03	FRONT PANEL ASSY FRONT PANEL ASSY KR-710L FRONT PANEL ASSY KR-710L SIDE BOARD L SIDE BOARD L	
13 1A 13 1A	A50-0079-03 A50-0079-03	SIDE BOARD R SIDE BOARD R	* K
-	B46-0055-20 B46-006C-00 B46-0061-2C B46-0062-20 B46-0063-13	WARRANTY CARD WARRANTY CARD WARRANTY CARD WARRANTY CARD WARRANTY CARD	P T K U U
- - - -	846-0064-10 850-3157-00 850-3157-00 850-3157-00 850-3158-00	WARRANTY CARD INSTRUCTION MANUAL INSTRUCTION MANUAL INSTRUCTION MANUAL INSTRUCTION MANUAL	X *K, U MX *P
:	850-3159-00 650-3160-00 850-3161-00 850-3162-00 850-3188-00	INSTRUCTION MANUAL INST, MANUAL KR-710L INSTRUCTION MANUAL INST. MANUAL KR-710L INST. MANUAL KR-710L	*E *E *T *T
14 3A 14 3A 15 3A	B50-3205-00 B20-0463-04 B20-0473-04 B21-0041-05	INSTRUCTION MANUAL DIAL CALIBRATIONS KR-710 DIAL CALIBRATIONS KR-710L DIAL POINTER ASSY	M *
C116 C116 C116 C116 C116	C91-0044-08 C91-0045-08 C91-0082-08 C91-0151-08 C91-0151-08	CERAMIC 0.01UF 125VAC CERAMIC 0.01UF CERAMIC 0.01UF CERAMIC 0.01UF CERAMIC 0.01UF	K P UM TE X
16 2B 17 2B 18 2A 19 2A	D15-0164-04 D15-0172-04 D15-0175-05 D20-0154-03	DIAL PULLEY SMALL PULLEY X4 SMALL PULLEY DIAL SHAFT	
20 1B 20 1B 20 1B 21 1B 22 1B	E03-0010-08 E03-0010-08 E03-0010-08 E04-0004-05 E30-0181-05	AC OUTLET AC OUTLET AC OUTLET COAXIAL CONNECTOR POWER CORD	KP UM X TE KP
22 18 22 18 22 18 22 18	E30-0459-05 E30-0545-05 E30-0587-05 E30-0649-05	POWER CORD POWER CORD POWER CORD POWER CORD	E UM T X
-	G01-0045-24	TENSION SPRING	

KR-710(L)

KR-710(L)

PARTS LIST

Ref. No.	Parts No. Description Re-
参照番号	部品番号 部品名/規格 僧考
- - -	+ MO1-3166-08 CARTON BOX P HO1-3167-08 CARTON BOX P HO1-3168-08 CARTON BOX UM HO1-3168-08 CARTON BOX X HO1-3169-08 CARTON BOX T
• • •	H01-3170-08 H01-3171-08 CARTON BOX H01-3171-08 CARTON BOX KR-710L E CARTON BOX KR-710L T H10-1551-02 H10-1552-12 POLYSTYRENE FOAMED FIX. POLYSTYRENE FOAMED FIX.
- - -	H20-0417-04 H20-0452-04 H20-0452-04 H20-0452-04 H20-0452-04 POLYETHYLENE BAG UX TE
24 38 24 38 24 38 24 36 25 18	J02-0088-05 J02-0089-05 J02-0089-05 J02-0089-05 J02-0089-05 J41-0034-05 POWER CORD BUSHING
25 18 25 18 25 18	J42-0084-05
26 3A 27 3A 28 2A,3A 29 2A,28 30 2A	K23-0339-04 KNCB (TUNING) K23-0347-04 KNOB (VOLUME) K23-0348-04 KNOB (TONE, BAL) K27-0132-04 KNOB (PUSH) K27-0136-04 KNOB
31 2A 31 2A 31 2A 31 2A 31 2A	L01-2091-08 POWER TRANSFORMER TRANSFORMER TRANSFORMER TRANSFORMER UM L01-2095-08 POWER TRANSFORMER X L01-2096-08 POWER TRANSFORMER E
31 2A	LO1-2097-08 POWER TRANSFORMER P
32 28	N08-0128-35 GND SCREW
33 28 33 28 34 2A 34 2A 34 2A	S31-2050-05 SLIDE SWITCH (S1) XE S31-2050-05 SLIDE SWITCH (S1) XE S40-1011-05 PUSH BUTTON SWITCH XF S40-2099-05 PUSH BUTTON SWITCH XT XT XT XT XT XT XT X
34 2A	S40-2099-05 PUSH BUTTON SWITCH E
35 2B 36 2B 37 1A	T90-0087-05 AM LOOP ANTENNA KR-710L AM LOOP ANTENNA KR-710 FM INDOOR ANTENNA
38 28 38 28 38 28 38 28 38 28	X14-1210-10
38 28 38 28 38 28	X14-1210-81 RECEIVER PCB ASSY UM X14-1212-71 RECEIVER PCB ASSY X14-1212-72 RECEIVER PCB ASSYXR-7101 E2
100 70	RECEIVER (X14-121x-xx)
100 38 CT1 ,2 C1 C2 C3 ,4 C5	C05-0013-15 C24-1010-61 C24-122-71 C55-1710-38 C24-1447-57 ELECTRO 220UF 16WV CERAMIC 0.01UF 2 ELECTRO 4.7UF 25WV

Ref. No.	Parts No.	Description	Re-
参照番号	部品番号	部品名/規格	marks 備考
C6 C7 C8 ,9 C10 C11	C71-1733-16 C24-1747-41 C55-1710-38 C24-1010-61 C45-1747-36	CERAMIC 330PF K ELECTRO 0.47UF 50WV CERAMIC 0.01UF Z ELECTRO 10UF 16WV POLYSTY 0.047UF K	
C12 C13 C14 ,15 C16 ,17 C16 ,17	C24-1722-51 C24-1222-71 C24-1010-61 C46-1710-25 C46-1710-25	ELECTRO 2.2UF 50WV ELECTRO 220UF 16WV ELECTRO 10UF 16WV POLYSTY 0.001UF J POLYSTY 0.001UF J	X E T
C16 ,17 C16 ,17 C18 ,19 C20 C21	C46-1715-25 C46-1715-25 C25-1710-57 C46-1747-35 C48-1736-15	POLYSTY 0.0015UF J POLYSTY 0.0015UF J LL-ELEC 1UF 50WV POLYSTY 0.047UF J POLYSTY 360PF J	KP M
C22	C25-1715-57	LL-ELEC 1.5UF 50WV	
C23	C24-1433-51	ELECTRO 3.3UF 25WV	
C24	C25-1722-47	LL-ELEC 0.22UF 50WV	
C25	C24-1747-41	ELECTRO 0.47UF 50WV	
C26	C55-1710-28	CERAMIC 0.001UF Z	
C27 C28 C29 C30 C31	c55-1710-38 c71-1710-02 c91-0003-00 c55-1710-38 c24-1210-71	CERAMIC 0.01UF Z CERAMIC 10PF DKR-710 CERAMIC 0.01UF 25WV CERAMIC 0.01UF Z ELECTRO 100UF 16WV	
C32	C70-1710-02	CERAMIC 10PF D	
C33	C25-1710-57	LL-ELEC 1UF SOWV	
C34	C71-1708-02	CERAMIC 8PF DKR-710	
C35	C71-1747-05	CERAMIC 47PF J	
C36	C55-1710-38	CERAMIC 0.01UF Z	
C37	C25-1710-57	LL-ELEC 1UF 50WV	
C38	C24-101C-61	ELECTRO 10UF 16WV	
C39	C55-1710-28	CERAMIC 0.001UF 2	
C40	C55-1710-38	CERAMIC 0.01UF Z	
C41	C91-0003-00	CERAMIC 0.01UF 25WV	
C42	C46-1747-35	POLYSTY 0.047UF J	
C43	C91-0003-00	CERAMIC 0.01UF 25%V	
C44 ,45	C71-1722-05	CERAMIC 22PF J	
C46 ,47	C25-1733-57	LL-ELEC 3.3UF 50%V	
C48 ,49	C71-1710-15	CERAMIC 100PF J	
C50 ,51	C24-0810-79	ELECTRO 100UF 6.3WV	
C52 ,53	C71-1710-15	CERAMIC 100PF J	
C54 ,55	C46-1722-35	POLYSTY 0.022UF J	
C56 ,57	C49-2062-24	POLYSTY 0.0062UF D	
C58 ,59	C24-1433-51	ELECTRO 3.3UF 25WV	
C60 ,61	C24-1433-71	ELECTRO 330UF 25%V	
C62 ,63	C25-1733-57	LL-ELEC 3.3UF 50WV	
C64 ,65	C71-1710-15	CERAMIC 100PF J	
C66 ,67	C71-1733-16	CERAMIC 330PF K	
C68	C24-1010-61	ELECTRO 10UF 16WV	
C69	C25-1710-57	LL-ELEC 1UF 50WV .	
C70 ,71	C24-1433-51	ELECTRO 3.3UF 25WV	
C72 ,73	C71-1747-05	CERAMIC 47PF J	
C76	C24-1710-71	ELECTRO 100UF 50WV	
C78 ,79	C71-1715-06	CERAMIC 15PF K	
C80 ,81	C46-1710-45	POLYSTY 0.1UF J	
C82 ,83	C24-1447-51	ELECTRO 4.7UF 25WV	
C84 ,85	C26-1710-57	NP-ELEC 1UF 50WV	
C86 ,87	C25-1710-47	LL-ELEC 0.1UF 50WV	
C88 ,89	C46-1718-35	POLYSTY 0.018UF J	
C90 ,91	c71-1710-02	CERAMIC 10PF D	
C92 ,93	c52-1782-16	CERAMIC 820PF K	

KR-710(L)

PARTS LIST

Ref. No.	Parts No.	Description	Re- marks
参照番号	部品番号	部品名/規格	備考
C94 ,95 C96 ,97 C98 ,99 C100,101 C102,103	C71-1722-15 C46-1747-35 C46-1710-35 C24-1047-61 C46-1747-25	CERAMIC 220PF J POLYSTY 0.047UF J POLYSTY 0.01UF J ELECTRO 470UF 6.3WV POLYSTY 0.0047UF J	
C104,105 C107,108 C109,110 C111 C112	C46-1787-35 C90-0492-08 C54-2710-29 C24-1447-71 C24-1410-81	POLYSTY 0.018UF J ELECTRO 6800UF 45WV CERAMIC 0.01UF P ELECTRO 470UF 25WV ELECTRO 1000UF 25WV	
C113 C114 C115 C117 C118	C24-1433-71 C24-1433-61 C24-1710-61 C25-1710-57 C24-1010-61	ELECTRO 330UF 25WV ELECTRO 33UF 25WV ELECTRO 10UF 50WV ELECTRO 1UF 50WV ELECTRO 10UF 16WV	ET ET
C119-121 C122 C123 C124 C125	C46-1747-35 C48-1736-15 C47-1712-15 C71-1727-06 C54-2710-29	POLYSTY 0.047UF KKR-710 POLYSTY 360PF JKR-710 POLYSTY 120PF J CERAMIC 27PF KKR-710 CERAMIC 0.01UF PKR-710	LET L
c134,135 c136-138	c46-1747-25 c55-1710-38	POLYSTY 0.0047UF J CERAMIC 0.01UF Z	
101 18 102 2A 103 2B 104 2B 105 2B	E06-0513-05 E11-0074-05 E13-0423-05 E13-0612-05 E20-0439-05	DIN CONNECTOR PHONE JACK PHONO JACK (4P) PHONO JACK (6P) ANT TERMINAL	ET
106 2A	£20-0813-05	SPEAKER TERMINAL	
F1 F1 F1 F2 F2	F05-2023-05 F05-2029-05 F06-2027-05 F05-3022-05 F05-3122-05	FUSE(2A) FUSE(2A) FUSE(2A) FUSE(3A) FUSE(3.15A)	MX ET KP MX E
F2 F3 F3	F06-3023-05 F05-1521-05 F05-1622-05	FUSE(3A) FUSE(1.5A) FUSE(1.6A)	KP MX ET
107 28 108 28 109 28	J13-0055-05 J19-0569-04 J19-0570-03	FUSE CLIP . LED HOLDER LED HOLDER	
CF1 ,2 CF1 ,2 CF1 ,2 CF3 L1	L72-0057-15 L72-0057-15 L72-0059-05 L72-0078-05 L31-0457-05	CERAMIC FILTER CERAMIC FILTER CERAMIC FILTER CERAMIC FILTER AM ANT COIL KR-710	KP MX ET
L2 L2 L3 L4 L5	L32-0242-05 L32-0244-05 L30-0329-05 L30-0284-05 L40-1021-13	LW OSC COIL KR-710L AM OSC COIL KR-710 AM IFT AM IFT INDUCTOR	
L6 L7 L8 L9 ,10 L11	L40-2292-13 L30-0316-05 L30-0317-05 L33-0282-08 L79-0072-05	INDUCTOR FM DET COIL FM DET COIL INDUCTOR LPF	
L12 L13 L14 L15	L79-0109-05 L79-0074-05 L32-0246-05 L40-2292-13 L40-2292-13	BBF LW LPF KR-710L MW OSC COIL KR-710L INDUCTOR KR-710 INDUCTOR KR-710	ET KP MX
L15	L40-2292-13	INDUCTOR KR-710	ET

Ref. No.	Parts No.	Description	Re-
参照番号	部品番号	部 昌 名/規 格	marks 備考
R1 R14 R93 ,94 R111 R115,116	R43-1256-05 FL- R47-1539-15 FL- R43-1318-25 FL-	-PROOF RD100 J 2E -PROOF RD56 J 2E -PROOF RS390 J 3A -PROOF RD1.8K J 2H -PROOF RD150 J 2E	
R119,120 R121 R125,126 R127-130 R131-134	R43-1256-05 FL- R43-1210-15 FL- R43-1233-15 FL-	PROOF RD100 J 2E PROOF RD56 J 2E PROOF RD100 J 2E PROOF RD330 J 2E ENT 0,47 K 3A	
R135,136 R141,142 R159,160 R175,176 R186	R40-8310-05 RC R40-8310-15 RC R42-7256-15 RC	PROOF RS4.7 J 3A 10 J 2H 100 J 2H 560 J 2H PROOF RD22 J 2E	
R168 R193 R193 R193 R193	R47-5512-15 FL- R40-8347-56 RC R40-8347-56 RC R92-0173-05 RC R92-0234-05 RC	PROOF RS120 J 3D 4,7M K 2H 4,7M K 2H 2,2M J 2H 12M J 2H	MX U KP ET
R216,217 VR1 VR2 VR3 ,4 VR5 ,6	R06-5055-05 POT R05-5004-05 POT R10-4005-05 POT	PROOF RD12 J 2H ENTIOMTER (VOL.) ENTIOMTER (BAL.) ENTIOMTER (TONE) MMING POT.(OFFSET)	
VR5 ,6 VR7 ,8 VR9 VR9 VR10	R12-0081-08 TRI R12-3002-05 TRI R12-3041-05 TRI	MMING POT.(OFFSET) MMING POT.(BIAS) MMING POT.(VCO) MMING POT.(VCO) MMING POT.(SEPARATE)	
VR10	R12-5026-05 TRI	MMING POT. (SEPARATE)	
110 28 111 28 51 51 52	S90-0037-05 REM S42-6008-05 PUS S42-7003-05 PUS	DE SHITCH KR-710L OTE WIRE KR-710L HBUTTON SWITCHKR-710L HBUTTON SWITCHKR-710L HBUTTON SWITCH	
\$3	\$42-2035-05 PUS	HBUTTON SWITCH	
D1 -4 D5 -7 D8 D9 -12 D13 -18	V11-0238-05 V11-0295-05 W06 V11-2101-80 V11-2104-40 V11-0271-05 152	B 5 L	•
D19 -24 D25 ,26 D27 ,28 D29 -31 D32 -43	V11-0051-05 1N6 V11-7701-50 1S3 V11-5100-80 STV V11-1100-20 LED	4 -2HW (EN324GP.H) GREEN	*
D44 D49 IC1 IC2 IC3	V11-0271-05 1s2		
1C4 1C5 ,6 1C7 Q1 Q2	V30-0473-10 FS7 V03-0405-05 ZSC	551 457# 812c 945(P) 105(H)	*
q3 q4 q5 -7 q8	V01-0213-05 2SA V03-0405-05 2SC	945(P) 733(P) 945(P) 733(P)	



PARTS LIST

Ref. No.	Parts No.	Description	Re-
参照番号	部品番号	部品名/規格	marks 備考
Q9 -14 Q15 ,16 Q17 -20 Q21 -24 Q25 ,26	v03-0405-05 v01-0798-00 v01-0213-05 v03-1845-00 v01-0992-00	2sc945(p) 2sA798(G) 2sA733(p) 2sc1845(E) 2sA992(E)	
Q27 ,28 Q29 ,30 Q31 ,32 Q33 ,34 Q35 ,36	V04-0667-00 V02-0647-00 V02-0690-10 V04-0726-00 V03-1845-00	2sD667(c) 2sB647(c) 2sB690(c) 2sD726(c) 2sc1845(E)	*
Q37 ,38 Q39 Q40 ,41 Q42 ,43 Q44	V03-0405-05 V01-0213-05 V03-0405-05 V03-1845-00 V09-0122-20	2SC945(P) 2SA733(P) 2SC945(P) 2SC1845(E) 2SK68(M) KR-710L	ET
945	v03-0405-05	2sc945(P)	ļ
112 28 112 28 112 23 112 28 112 28	W02-0051-08 W02-0051-08 W02-0051-08 W02-0051-08 W02-0052-08	FM FRONT END KR-710L	+K MX ET P